

Appl. No.: 09/519,015

Amendment Dated: 11/10/06

Reply to OA of 3/27/06

REMARKS

This supplemental response is filed in association with a Request for Continued Examination filed on September 22nd, 2006, and is in response to the Action dated March 27th, 2006. With this response, claims 1, 4-7, 14 and 15 are amended, as above, while new claims 21 and 22 are introduced. Support for the amendments and new claim can be found in the original specification, figures and/or claims and, as such, no new matter has been introduced. Thus, upon entry of this amendment, claims 1-22 remain pending.

This supplemental response is intended to be a complete and full response to the issues raised in the Action. Applicant invites the Examiner to call the undersigned attorney for the Applicant should any questions/comments arise.

In an effort to conclude prosecution of this matter, without necessarily accepting or adopting the positions raised by the Office in the previous Action, Applicant has amended the claims as above to further clarify the inventive scope of the claims. More specifically, Applicant notes that the present application is directed to a technique introducing spatial multiplexing of an information stream to a single receiver by using multiple spatially separate transceivers using an OFDM communication channel with a common center-frequency.

Applicant notes that the cited references, alone or in combination, fail to disclose or suggest this unique combination to implement spatial multiplexing as claimed in claims 1, 14, 15, 21 and 22. Accordingly, Applicant respectfully requests that the §102 rejection of claims 1, 14 and 15 be withdrawn.

Applicant notes that claims 2-13 and 16-20 depend from patentable base claims 1 and 15, respectively. Thus, in addition to any independent bases for patentability Applicant respectfully

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submits that such claims are allowable over the cited references by virtue of at least such dependency.

CONCLUSION

In light of at least the foregoing amendments and remarks, Applicant respectfully submits that claims 1-22, as amended, are in condition for allowance and such action is earnestly solicited. *The Examiner is respectfully requested to contact the undersigned by telephone if it is believed that such contact would further the examination of the present application.*

Please charge any shortages and credit any overcharges to our Deposit Account number 50-0221.

Respectfully submitted,
PEROOR K. SEBASTIAN, ET AL.

Date: November 10, 2006

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